

# **Eleventh Biennial Oil Spill Response Technology Workshop**



Marathon Refinery

Carson, CA

**May 28-30, 2025**



## **DRAFT AGENDA**

**Tuesday, May 27, 2025 (DAY 1)**

**Session 1      AGENCY UPDATES**

**Session Chair: Annie Nelson, OSPR**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
1300	Safety, Logistics, and Agenda Review	Annie Nelson, OSPR Court Hemerick, Marathon
1310	OSPR Welcom	Heather Geldart, Administrator
1315	Industry Welcome	Luis Martinez, HESS Director, Marathon
1320	USCG, Office of Marine Environmental Response & ICCOPR	Elizabeth Petras, USCG
1340	Bureau of Safety and Environmental Response (BSEE) Oil Spill Response Research Update	Karen Stone, BSEE
1400	BSEE - Ohmsett Tank Enhancements for Testing, Evaluation, and Training	Karen Stone, BSEE
<b>1420</b>	<b>NETWORKING BREAK (20 MINUTES)</b>	
1440	NOAAA Spill Science Update	NOAA
1500	The Multi-Partner Research Initiative: A Scientific Research Network under Canada's Oceans Protection Plan to Support Decision Making in Oil Spill Response	Heather Drettman, NRCan-MPRI
1520	CA OSPR Update	Greg McGowan, OSPR
1540	API/ipieca Industry Updates	<i>Maria Hartley, Chevron +</i>

**1600: CLOSING COMMENTS – END OF DAY 1**

**Wednesday, May 28, 2025 (DAY 2)**

**0830-0840: Welcome, Safety, and Agenda Review**

**Session 2      RENEWABLE & ALTERNATIVE FUELS**

**Session Chair: Court Hemerick**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
0840	Field Testing of Conventional Skimmer with Renewable Deisel and Feedstocks	Dave Dolnick, P66
0905	Analytical Tools for Renewable Fuel Spill Response	Joe LaCalle, OSPR
0930	Skimming of dielectric fluids – title pending	Alex Balsley, USCG R&D

**0955: NETWORKING BREAK (15 minutes)**

**Session 3      APPLIED RESPONSE TECHNOLOGIES (ART)**

**Session Chair: Court Hemerick**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
1010	Advancements in Dispersant Technology: Recent Updates	Maria Hartley, Chevron Tim Steffek, API
1035	Chemical Herders – title pending	Kelly McFarlin, ExxonMobil
1100	Booms/mats made of hair and fur	Lisa Gautier, Matter of Trust
1125	Surface Washing Agents – Consolidation of Current State of Knowledge	Greg McGowan, OSPR Jacqui Michel, RPI
1150	GTS-OR – Surface Washing Agent	Pilar Ortega, ITS Environmental

**1215: LUNCH BREAK (1 hour) – hosted by P66**

Last updated: April 29, 2025

Wednesday, May 28, 2025 (DAY 2, continued)

**Session 4      MECHANICAL RESPONSE TECHNOLOGY**

**Session Chair: Shell Oil**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
1315	Latest generation of HARBO Boom, the T6UHD	Brian Robinson, SpillBully
1340	Development of a Durable and Cost-effective Filter for Enhanced Oil Spill Recovery Using a Carbon and Titanium Dioxide Composite Coating	Mingheng Li, Cal Poly Pomona
1405	Jellyfishbot – mobile oil skimmer	Damien Boursiquot, IADYS
1430	Detection through Collection	Brad Rutledge, Balaena, Inc.
1455	<b>NETWORKING BREAK (20 MINUTES)</b>	
1515	Plant Nappy and Plant Mat: Smart thinking in drip and spill containment. New, light and user-friendly method of drip and spill containment.	Doug Ingraham, Plant Nappy
1540	First-ever mechanical recovery of ultra-thin oil sheens under 50 microns—previously deemed unrecoverable.	Jason Ogilvie & Nigel Bennett, Aqua-Guard Spill Response Inc.
1605	Shore Zone Micro-barge – a specialized barge designed for receiving and transporting heavy oil manually recovered from within the shore zone	Stafford Reid, EnviroEmerg
1630	Korean skimming technology (title pending)	Soojin Choung, Sheco

**1655: CLOSING COMMENTS – END OF DAY 2**

**Thursday, May 29, 2025 (DAY 3)**

**0830-0840: Welcome, Safety, and Agenda Review**

**Session 5 PLANNING TOOLS**

**Session Chair: Jared Angelle, P66**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
0840	Controlling your Response with Smarter Information Management for better Situational Awareness	Kenny Rhame, TRG
0905	The Environmental Response Management Application (ERMA) as a Common Operational Picture for Oil Spill Response and Incident Management	Kenny Winters-Staszak, NOAA
0930	Enhancing Oil Spill Response with UAV-Supported 2D/3D Modeling: A Comprehensive Approach to Surface and Subsurface Impact Assessment	Julio Vilar, Arcadis
0955	Enhancing Oil Spill Response with Real-Time UAS Telemetry and Data Management via Aloft's Air Control Platform	Josh Ziering, Aloft Technologies

**1020: NETWORKING BREAK (15 MINUTES)**

**Session 6 NON-FLOATING OIL (NFO)**

**Session Chair: Jared Angelle, P66**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
1035	Multibeam Echosounders for Oil and Gas Leak Detection	Sandy Borthwick, Teichman Group, LLC
1100	When Oil Sinks: Laboratory Tests Investigating How Shoreline Oiling Can Lead to Sunken Oil	Lee Britton, ECCC-NEEC

**Session 7 REMOTE SENSING**

**Session Chair: Jared Angelle, P66**

<b>Time (PST)</b>	<b>Topic</b>	<b>Presenter(s), Affiliation</b>
1125	Estimation of Minimum Oil Slick Detection Area using RADARSAT-1/2	Gordon Staples, MDA
1150	Triage and Monitoring of a Shallow Offshore Abandoned Oil Field / Seep Field	Ira Leifer, Bubbleology

**1215: LUNCH BREAK – BBQ outside, hosted by MSRC**

Last updated: April 29, 2025

Thursday, May 29, 2025 (DAY 3, continued)

**Session 8      LIVE DEMONSTRATIONS – 1300-1600**

Station	Technology	Presenter(s), Affiliation
1	HARBO boom	Brian Robinson, SpillBully
2	Filter with coating	Mingheng Li, Cal Poly Pomona
3	Booms/Mats made of hair and fur	Lisa Gautier, Matter of Trust
4	Slick Sleauth	Chris Chase, InterOcean Systems
5	Sister	Ira Leifer, Bubbleology
6	ROV	Jay Cho, BSEE
7	Drone Technology	Jeremy Hurd, MSRC
8	Drone Technology	Joe Hegrane, ALOFT
9	Pyxis Oil Detection System (PODS)	Adam Hagewood, Polaris
10	GTS-OR (SWA)	Pilar Ortega, ITS Environmental

Friday, May 30, 2025 (DAY 4)

0900-0910: Welcome, Safety, and Agenda Review

Session 9 REMOTE SENSING (continued)

Session Chair: Christian Hasselwimmer, Chevron

Time (PST)	Topic	Presenter(s), Affiliation
0910	Remote Sensing for Spill Response: Operational and Research Needs and Strategies for Transitioning New Technologies to Operations	Nancy Kinner, UNH
0935	Use of a Commercial Off the Shelf Acoustic Sensor for Detecting Oil on the Water's Surface and Under Ice.	Nancy Kinner, UNH
1000	UAS software system for near-real time mapping in marine environments	Oscar Garcia, Water Mapping
1025	Python algorithm development for multispectral sensor	Jay Cho, BSEE
1050	NETWORKING BREAK (15 MINUTES)	
1105	ROSV with enhanced remote sensing and other capabilities	Jay Cho, BSEE
1130	Slick Sleuth	Chris Chase, InterOcean Systems, LLC
1155	Pyxis Oil Detection Systems (PODS)	Adam Hagewood, Polaris

1220: CLOSING COMMENTS – END OF WORKSHOP